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1 CAAACTTGGT GGCAACTTGC CTCCCAGTGC GGGCGTCTCT CCCCCACCGT
 51 CTCAA CATGC TTAGGGGTCC GGGGCCCCGGG CTGCTGCTGC TGGCCGTCCA
 101 GTGCCTGGGG ACAGCGGTGC CCTCCACGGG AGCCTCGAAG AGCAAGAGGC
 151 AGGCTCAGCA AATGGTTCAG CCCAGTCCC CGGTGGCTGT CAGTCAAAGC
 201 AAGCCCCGTT GTTATGACAA TGGAAAACAC TATCAGATAA ATCAACAGTG
 251 GGAGCGGACC TACCTAGGCA ATGCGTTGGT TTGTACTTGT TATGGAGGAA
 301 GCCGAGGTTT TAACTGCGAG AGTAAACCTG AAGCTGAAGA GACTTGCTTT
 351 GACAAGTACA CTGGGAACAC TTACCGAGTG GGTGACACTT ATGAGCGTCC
 401 TAAAGACTCC ATGATCTGGG ACTGTACCTG CATCGGGGCT GGGCGAGGGA
 451 GAATAAGCTG TACCATCGCA AACCGCTGCC ATGAAGGGGG TCAGTCCTAC
 501 AAGATTGGTG ACACCTGGAG GAGACCACAT GAGACTGGTG GTTACATGTT
 551 AGAGTGTGTG TGTCTTGGTA ATGGAAAAGG AGAATGGACC TGCAAGCCCA
 601 TAGCTGAGAA GTGTTTTGAT CATGCTGCTG GGACTTCCTA TGTGGTCGGA
 651 GAAACGTGGG AGAAGCCCTA CCAAGGCTGG ATGATGGTAG ATTGTACTTG
 701 CCTGGGAGAA GGCAGCGGAC GCATCACTTG CACTTCTAGA AATAGATGCA
 751 ACGATCAGGA CACAAGGACA TCCTATAGAA TTGGAGACAC CTGGAGCAAG
 801 AAGGATAATC GAGGAAACCT GCTCCAGTGC ATCTGCACAG GCAACGGCCG
 851 AGGAGAGTGG AAGTGTGAGA GGCACACCTC TGTGCAGACC ACATCGAGCG
 901 GATCTGGCCC CTTACCCGAT GTTCGTGCAG CTGTTTACCA ACCGCAGCCT
 951 CACCCCCAGC CTCCTCCCTA TGGCCACTGT GTCACAGACA GTGGTGTGGT
 1001 CTACTCTGTG GGGATGCAGT GGCTGAAGAC ACAAGGAAAT AAGCAAATGC
 1051 TTTGCACGTG CCTGGGCAAC GGAGTCAGCT GCCAAGAGAC AGCTGTAACC

Fig. 1 (part 1)



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1101 CAGACTTACG GTGGCAACTC AAATGGAGAG CCATGTGTCT TACCATTAC
 1151 CTACAACGAC AGGACGGACA GCACAAC TTC GAATTATGAG CAGGACCAGA
 1201 AATACTCTTT CTGCACAGAC CACACTGTTT TGGTTCAGAC TCGAGGAGGA
 1251 AATTCCAATG GTGCCTTGTG CCACTTCCCC TTCCTATACA ACAACCACAA
 1301 TTACACTGAT TGCACCTCTG AGGGCAGAAG AGACAACATG AAGTGGTGTG
 1351 GGACCACACA GAACTATGAT GCCGACCAGA AGTTTGGGTT CTGCCCCATG
 1401 GCTGCCCCAG AGGAAATCTG CACAACCAAT GAAGGGGTCA TGTACCGCAT
 1451 TGGAGATCAG TGGGATAAGC AGCATGACAT GGGTCACATG ATGAGGTGCA
 1501 CGTGTGTTGG GAATGGTCGT GGGGAATGGA CATGCATTGC CTA CTCTCGCAG
 1551 CTTGAGATC AGTGCATTGT TGATGACATC ACTTACAATG TGAACGACAC
 1601 ATTCCACAAG CGTCATGAAG AGGGGCACAT GCTGAACTGT ACATGCTTCG
 1651 GTCAGGGTCG GGGCAGGTGG AAGTGTGATC CCGTCGACCA ATGCCAGGAT
 1701 TCAGAGACTG GGACGTTTTA TCAAATTGGA GATTCATGGG AGAAGTATGT
 1751 GCATGGTGTC AGATACCAGT GCTACTGCTA TGGCCGTGGC ATTGGGGAGT
 1801 GGCATTGCCA ACCTTTACAG ACCTATCCAA GCTCAAGTGG TCCTGTGCGAA
 1851 GTATTTATCA CTGAGACTCC GAGTCAGCCC AACTCCCACC CCATCCAGTG
 1901 GAATGCACCA CAGCCATCTC ACATTTCCAA GTACATTCTC AGGTGGAGAC
 1951 CTGTGAGTAT CCCACCCAGA AACCTTGGAT ACTGAGTCTC CTAATCTTAT
 2001 CAATTCTGAT GGTTTCTTTT TTTCCAGCT TTTGAGCCAA CAACTCTGAT
 2051 TAACTATTCC TATAGCATTT ACTATATTTG TTTAGTGAAC AAACAATATG
 2101 TGGTCAATTA AATTGACTTG TAGACTGAAA AAAAAAAAAA AAAAAA

(SEQ ID NO.: 2)

Fig. 1 (part 2)

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1 CAAACTTGGT GGCAACTTGC CTCCCGGTGC GGGCGTCTCT CCCCCACCGT
 51 CTCAA CATGC TTAGGGGTCC GGGGCCCCGGG CTGCTGCTGC TGGCCGTCCA
 101 GTGCCTGGGG ACAGCGGTGC CCTCCACGGG AGCCTCGAAG AGCAAGAGGC
 151 AGGCTCAGCA AATGGTTCAG CCCAGTCCC CGGTGGCTGT CAGTCAAAGC
 201 AAGCCCCGTT GTTATGACAA TGGAAACAC TATCAGATAA ATCAACAGTG
 251 GGAGCGGACC TACCTAGGCA ATGCGTTGGT TTGTACTTGT TATGGAGGAA
 301 GCCGAGGTTT TAACTGCGAG AGTAAACCTG AAGCTGAAGA GACTTGCTTT
 351 GACAAGTACA CTGGGAACAC TTACCGAGTG GGTGACACTT ATGAGCGTCC
 401 TAAAGACTCC ATGATCTGGG ACTGTACCTG CATCGGGGCT GGGCGAGGGA
 451 GAATAAGCTG TACCATCGCA AACCGCTGCC ATGAAGGGGG TCAGTCCTAC
 501 AAGATTGGTG ACACCTGGAG GAGACCACAT GAGACTGGTG GTTACATGTT
 551 AGAGTGTGTG TGTCTTGGTA ATGGAAAAGG AGAATGGACC TGCAAGCCCA
 601 TAGCTGAGAA GTGTTTTGAT CATGCTGCTG GGA CTTCCTA TGTGGTCGGA
 651 GAAACGTGGG AGAAGCCCTA CCAAGGCTGG ATGATGGTAG ATTGTACTTG
 701 CCTGGGAGAA GGCAGCGGAC GCATCACTTG CACTTCTAGA AATAGATGCA
 751 ACGATCAGGA CACAAGGACA TCCTATAGAA TTGGAGACAC CTGGAGCAAG
 801 AAGGATAATC GAGGAAACCT GCTCCAGTGC ATCTGCACAG GCAACGGCCG
 851 AGGAGAGTGG AAGTGTGAGA GGCACACCTC TGTGCAGACC ACATCGAGCG
 901 GATCTGGCCC CTTACCCGAT GTTCGTGCAG CTGTTTACCA ACCGCAGCCT
 951 CACCCCCAGC CTCCTCCCTA TGGCCACTGT GTCACAGACA GTGGTGTGGT
 1001 CTACTCTGTG GGGATGCAGT GGCTGAAGAC ACAAGGAAAT AAGCAAATGC
 1051 TTTGCACGTG CCTGGGCAAC GGAGTCAGCT GCCAAGAGAC AGCTGTAACC

Fig. 1 (part 1)



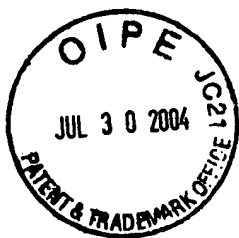


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1101 CAGACTTACG GTGGCAACTC AAATGGAGAG CCATGTGTCT TACCATTAC
1151 CTACAACGAC AGGACGGACA GCACAACTTC GAATTATGAG CAGGACCAGA
1201 AATACTCTTT CTGCACAGAC CACACTGTTT TGGTTCAGAC TCGAGGAGGA
1251 AATTCCAATG GTGCCTTGTG CCACTTCCCC TTCCTATACA ACAACCACAA
1301 TTACACTGAT TGCATTCTG AGGGCAGAAG AGACAACATG AAGTGGTGTG
1351 GGACCACACA GAACTATGAT GCCGACCAGA AGTTTGGGTT CTGCCCCATG
1401 GCTGCCCCACG AGGAAATCTG CACAACCAAT GAAGGGGTCA TGTACCGCAT
1451 TGGAGATCAG TGGGATAAGC AGCATGACAT GGGTCACATG ATGAGGTGCA
1501 CGTGTGTTGG GAATGGTCGT GGGGAATGGA CATGCATTGC CTA CTACTCGCAG
1551 CTTTCGAGATC AGTGCATTGT TGATGACATC ACTTACAATG TGAACGACAC
1601 ATTCCACAAG CGTCATGAAG AGGGGCACAT GCTGAACTGT ACATGCTTCG
1651 GTCAGGGTCG GGGCAGGTGG AAGTGTGATC CCGTCGACCA ATGCCAGGAT
1701 TCAGAGACTG GGACGTTTTA TCAAATTGGA GATTCATGGG AGAAGTATGT
1751 GCATGGTGTC AGATACCACT GCTACTGCTA TGGCCGTGGC ATTGGGGAGT
1801 GGCATTGCCA ACCTTTACAG ACCTATCCAA GCTCAAGTGG TCCTGTGCGAA
1851 GTATTTATCA CTGAGACTCC GAGTCAGCCC AACTCCCACC CCATCCAGTG
1901 GAATGCACCA CAGCCATCTC ACATTTCCAA GTACATTCTC AGGTGGAGAC
1951 CTGTGAGTAT CCCACCCAGA AACCTTGGAT ACTGAGTCTC CTAATCTTAT
2001 CAATTCTGAT GGTTCCTTTT TTTCCAGCT TTTGAGCCAA CAACTCTGAT
2051 TAACTATTCC TATAGCATTT ACTATATTG TTTAGTGAAC AAACAATATG
2101 TGGTCAATTA AATTGACTTG TAGACTGAAA AAAAAAAAAA AAAAAA

(SEQ ID NO.: 2)

Fig. 1 (part 2)



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| | | | | | | |
|----------------|---|--|-------------------|-----|-----|-----|
| | 10 | 20 | 30 | 40 | 50 | 60 |
| MSF-1 α | NLVATCLPVRASLPHRLN | MLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP | | | | |
| | | | | | | |
| fibronectin | NLVATCLPVRASLPHRLN | MLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP | | | | |
| | | 10 | 20 | 30 | 40 | |
| | 70 | 80 | 90 | 100 | 110 | 120 |
| MSF-1 α | VAVSQSKPGCYDNGKHYQINQWERTYLGNALVCTCYGGSRGFNCE | SKPEAEETCFDKYT | | | | |
| | | | | | | |
| fibronectin | VAVSQSKPGCYDNGKHYQINQWERTYLG | NVLVCTCYGGSRGFNCE | SKPEAEETCFDKYT | | | |
| | 50 | 60 | 70 | 80 | 90 | 100 |
| | 130 | 140 | 150 | 160 | 170 | 180 |
| MSF-1 α | GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCH | EGGQSYKIGDTWRRPHETGG | | | | |
| | | | | | | |
| fibronectin | GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCH | EGGQSYKIGDTWRRPHETGG | | | | |
| | 110 | 120 | 130 | 140 | 150 | 160 |
| | 190 | 200 | 210 | 220 | 230 | 240 |
| MSF-1 α | YMLECVCCLGNGKGEWTKPIAEKCFDHAAGTSYVVGETWEKPYQ | GWMVVDCTCLGEGSGR | | | | |
| | | | | | | |
| fibronectin | YMLECVCCLGNGKGEWTKPIAEKCFDHAAGTSYVVGETWEKPYQ | GWMVVDCTCLGEGSGR | | | | |
| | 170 | 180 | 190 | 200 | 210 | 220 |
| | 250 | 260 | 270 | 280 | 290 | 300 |
| MSF-1 α | ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQICITGN | RGGEWK CERHTSVQTTSSG | | | | |
| | | | | | | |
| fibronectin | ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQICITGN | RGGEWK CERHTSVQTTSSG | | | | |
| | 230 | 240 | 250 | 260 | 270 | 280 |
| | 310 | 320 | 330 | 340 | 350 | 360 |
| MSF-1 α | SGPFTDVRAAVYQPQPHQPPPYGHCVTDSGVVYSVGMQWLKTQ | GNKQMLCTCLGNGVSC | | | | |
| | | | | | | |
| fibronectin | SGPFTDVRAAVYQPQPHQPPPYGHCVTDSGVVYSVGMQWLKTQ | GNKQMLCTCLGNGVSC | | | | |
| | 290 | 300 | 310 | 320 | 330 | 340 |
| | 370 | 380 | | 390 | 400 | |
| MSF-1 α | QETAVTQTYGGNSNGEPCVLPFTYNDRT | ----- | DSTTSNYEQDQKYSFCT | | | |
| | | | | | | |
| fibronectin | QETAVTQTYGGNSNGEPCVLPFTYNGRTFY | SCTTEGRQDGHLCSTTSNYEQDQKYSFCT | | | | |
| | 350 | 360 | 370 | 380 | 390 | 400 |
| | 410 | 420 | 430 | 440 | 450 | 460 |
| MSF-1 α | DHTVLVQTRGGNSNGALCHFPFLYNNHNYTDCTSEGR | RDNMKWC GTTQNYDADQKFGFCP | | | | |
| | | | | | | |
| fibronectin | DHTVLVQTRGGNSNGALCHFPFLYNNHNYTDCTSEGR | RDNMKWC GTTQNYDADQKFGFCP | | | | |
| | 410 | 420 | 430 | 440 | 450 | 460 |

Fig. 2 (part 1)



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| | | | | | | |
|----------------|---|-----|-----|-----|-----|-----|
| | 470 | 480 | 490 | 500 | 510 | 520 |
| MSF-1 α | MAAHEEICTTNEGVMYRIGDQWDKQHDGMHMRCTCVGNRGGEWTCIAYSQLRDQCIVDD | | | | | |
| | | | | | | |
| fibronectin | MAAHEEICTTNEGVMYRIGDQWDKQHDGMHMRCTCVGNRGGEWTCIAYSQLRDQCIVDD | | | | | |
| | 470 | 480 | 490 | 500 | 510 | 520 |

| | | | | | | |
|----------------|--|-----|-----|-----|-----|-----|
| | 530 | 540 | 550 | 560 | 570 | 580 |
| MSF-1 α | ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG | | | | | |
| | | | | | | |
| fibronectin | ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG | | | | | |
| | 530 | 540 | 550 | 560 | 570 | 580 |

| | | | | | | |
|----------------|--|-----|-----|-----|-----|-----|
| | 590 | 600 | 610 | 620 | 630 | 640 |
| MSF-1 α | VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI | | | | | |
| | | | | | | |
| fibronectin | VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI | | | | | |
| | 590 | 600 | 610 | 620 | 630 | 640 |

| | | | | | | |
|----------------|---|-----|-----|-----|-----|-----|
| | 650 | 660 | 670 | 680 | 690 | 700 |
| MSF-1 α | LRWRPVSIPPRNLGYKVSXSQYQFXWFLFFPAFEPTTLINYSYSIYYICLVNKQYVVNXID | | | | | |
| | | : | | | | |

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| | | | | | | |
|-------------|--|-----|-----|-----|-----|-----|
| fibronectin | LRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQQYGHQEVTRFDFTTTST | | | | | |
| | 650 | 660 | 670 | 680 | 690 | 700 |

(SEQ IS NO.: 44)

Fig. 2 (part 2)



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| | | | | | | |
|----------------|--------------------|---|-----------------|---------------|---------------|---------------|
| | 10 | 20 | 30 | 40 | 50 | 60 |
| MSF-1 α | NLVATCLPVRASLPHRLN | MLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQMVQPQSP | | | | |
| fibronectin | NLVATCLPVRASLPHRLN | MLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQMVQPQSP | | | | |
| | | 10 | 20 | 30 | 40 | |
| | 70 | 80 | 90 | 100 | 110 | 120 |
| MSF-1 α | VAVSQSKPGCYDNGKH | YQINQQWERTYLG | NALVCTCYGGSRGFN | CESKPEAEETCFD | KYT | |
| fibronectin | VAVSQSKPGCYDNGKH | YQINQQWERTYLG | NALVCTCYGGSRGFN | CESKPEAEETCFD | KYT | |
| | 50 | 60 | 70 | 80 | 90 | 100 |
| | 130 | 140 | 150 | 160 | 170 | 180 |
| MSF-1 α | GNTYRVGDTYERPKDS | MIWDCTCIGAGRGRIS | CTIANRCHEGGQSYK | IGD | TWRRPHETGG | |
| fibronectin | GNTYRVGDTYERPKDS | MIWDCTCIGAGRGRIS | CTIANRCHEGGQSYK | IGD | TWRRPHETGG | |
| | 110 | 120 | 130 | 140 | 150 | 160 |
| | 190 | 200 | 210 | 220 | 230 | 240 |
| MSF-1 α | YMLECVCLGNGKGEWT | CKPIAEKCFDHAAGTS | YVVG | ETWEKPYQGWM | MVDCTCLGEGSGR | |
| fibronectin | YMLECVCLGNGKGEWT | CKPIAEKCFDHAAGTS | YVVG | ETWEKPYQGWM | MVDCTCLGEGSGR | |
| | 170 | 180 | 190 | 200 | 210 | 220 |
| | 250 | 260 | 270 | 280 | 290 | 300 |
| MSF-1 α | ITCTSRNRCNDQDTRT | SYRIGDTWSKIDNRGN | LLQIC | TGNRG | GEWK | CERHTSVQTTSSG |
| fibronectin | ITCTSRNRCNDQDTRT | SYRIGDTWSKIDNRGN | LLQIC | TGNRG | GEWK | CERHTSVQTTSSG |
| | 230 | 240 | 250 | 260 | 270 | 280 |
| | 310 | 320 | 330 | 340 | 350 | 360 |
| MSF-1 α | SGPFTDVRAAVYQPQ | PHPQPPPYGHC | VTDSGVVYSVGMQWL | KTQGNKQMLCTCL | GN | GVSC |
| fibronectin | SGPFTDVRAAVYQPQ | PHPQPPPYGHC | VTDSGVVYSVGMQWL | KTQGNKQMLCTCL | GN | GVSC |
| | 290 | 300 | 310 | 320 | 330 | 340 |
| | 370 | 380 | | 390 | 400 | |
| MSF-1 α | QETAVTQTYGGNSNGE | PCVLPFTYNDRT | ----- | DSTTSN | YEQDQKYSFCT | |
| fibronectin | QETAVTQTYGGNSNGE | PCVLPFTYNGRTFY | SCTTEGRQDGLWC | STTSN | YEQDQKYSFCT | |
| | 350 | 360 | 370 | 380 | 390 | 400 |
| | 410 | 420 | 430 | 440 | 450 | 460 |
| MSF-1 α | DHTVLVQTRGGNSNGA | LCHFPLYNNHNYTD | CTSEGR | RDNMKWC | GTTQNYDADQK | FGFCP |
| fibronectin | DHTVLVQTRGGNSNGA | LCHFPLYNNHNYTD | CTSEGR | RDNMKWC | GTTQNYDADQK | FGFCP |
| | 410 | 420 | 430 | 440 | 450 | 460 |

Fig. 2 (part 1)



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| | | | | | | |
|----------------|--|-----|-----|-----|-----|-----|
| | 470 | 480 | 490 | 500 | 510 | 520 |
| MSF-1 α | MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNNGRGEWTCIAYSQLRDQCIVDD | | | | | |
| | | | | | | |
| fibronectin | MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNNGRGEWTCYAYSQLRDQCIVDD | | | | | |
| | 470 | 480 | 490 | 500 | 510 | 520 |
| | 530 | 540 | 550 | 560 | 570 | 580 |
| MSF-1 α | ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTIFYQIGDSWEKYVHG | | | | | |
| | | | | | | |
| fibronectin | ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTIFYQIGDSWEKYVHG | | | | | |
| | 530 | 540 | 550 | 560 | 570 | 580 |
| | 590 | 600 | 610 | 620 | 630 | 640 |
| MSF-1 α | VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPOPISHISKYI | | | | | |
| | | | | | | |
| fibronectin | VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPOPISHISKYI | | | | | |
| | 590 | 600 | 610 | 620 | 630 | 640 |
| | 650 | 660 | 670 | 680 | 690 | 700 |
| MSF-1 α | LRWRPVSIPPRNLGYKVSXSQYQFXWFLFFPAFEPTTLINYSYSIYYICLVNKKQYVVNXID | | | | | |
| | : → | | | | | |
| | (SEQ IS NO.: 37) | | | | | |
| fibronectin | LRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQYGHQEVTRFDFTTTST | | | | | |
| | 650 | 660 | 670 | 680 | 690 | 700 |
| | (SEQ IS NO.: 44) | | | | | |

Fig. 2 (part 2)